



DRILL STEM TEST REPORT

Prepared For: **TDI Inc.**

1310 Bison Rd
Hays KS 67601

ATTN: Herb Deines

Lawrence #1

15-15s-19w Ellis,KS

Start Date: 2013.11.18 @ 07:15:00

End Date: 2013.11.18 @ 13:49:15

Job Ticket #: 55323 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.21 @ 11:18:31

TDI Inc.
15-15s-19w Ellis,KS
Lawrence #1
DST # 1
KC "C"
2013.11.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TDI Inc.
1310 Bison Rd
Hays KS 67601
ATTN: Herb Deines

15-15s-19w Ellis,KS
Lawrence #1
Job Ticket: 55323 **DST#: 1**
Test Start: 2013.11.18 @ 07:15:00

GENERAL INFORMATION:

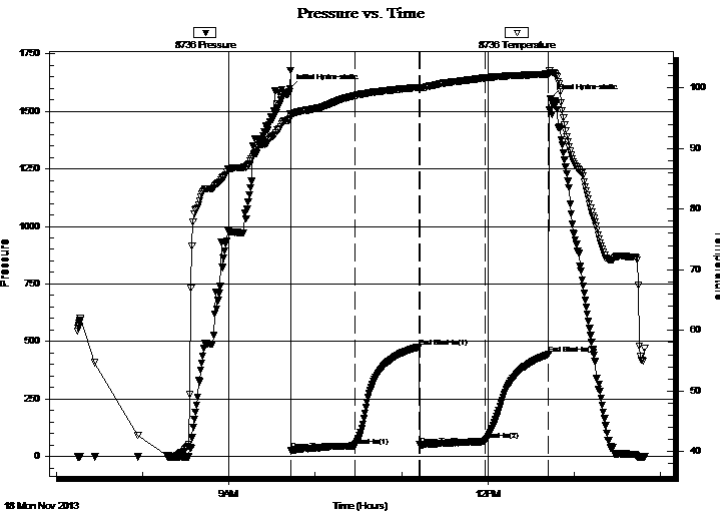
Formation: **KC "C"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 09:43:00
 Tester: Brett Dickinson
 Time Test Ended: 13:49:15
 Unit No: 59
 Interval: **3296.00 ft (KB) To 3344.00 ft (KB) (TVD)**
 Reference Elevations: 2022.00 ft (KB)
 Total Depth: 3344.00 ft (KB) (TVD) 2013.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 9.00 ft

Serial #: 8736

Outside

Press@RunDepth: 68.92 psig @ 3307.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.18 End Date: 2013.11.18 Last Calib.: 2013.11.18
 Start Time: 07:15:05 End Time: 13:49:14 Time On Btm: 2013.11.18 @ 09:42:15
 Time Off Btm: 2013.11.18 @ 12:43:30

TEST COMMENT: IF-4 1/4" blow
 IS-No blow
 FF-6" blow
 FSI-Weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1598.86	94.91	Initial Hydro-static
1	25.03	95.24	Open To Flow (1)
45	46.43	98.68	Shut-In(1)
90	475.86	100.06	End Shut-In(1)
91	50.26	99.96	Open To Flow (2)
136	68.92	101.64	Shut-In(2)
180	443.80	102.26	End Shut-In(2)
182	1554.71	102.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	SOWCM 10%O 10%W 80%M	0.49
60.00	VSOWCM 2%O 20%W 78%M	0.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI Inc.
1310 Bison Rd
Hays KS 67601
ATTN: Herb Deines

15-15s-19w Ellis,KS
Lawrence #1
Job Ticket: 55323 **DST#: 1**
Test Start: 2013.11.18 @ 07:15:00

Tool Information

Drill Pipe:	Length: 3281.00 ft	Diameter: 3.80 inches	Volume: 46.02 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 46.02 bbl</u>	Tool Chased	3.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	37000.00 lb
Depth to Top Packer:	3296.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	48.00 ft				
Tool Length:	69.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3276.00	
Shut In Tool	5.00			3281.00	
Hydraulic tool	5.00			3286.00	
Packer	5.00			3291.00	21.00 Bottom Of Top Packer
Packer	5.00			3296.00	
Stubb	1.00			3297.00	
Perforations	10.00			3307.00	
Recorder	0.00	6753	Inside	3307.00	
Recorder	0.00	8736	Outside	3307.00	
Change Over Sub	1.00			3308.00	
Drill Pipe	32.00			3340.00	
Change Over Sub	1.00			3341.00	
Bullnose	3.00			3344.00	48.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc. **15-15s-19w Ellis,KS**
 1310 Bison Rd **Lawrence #1**
 Hays KS 67601 Job Ticket: 55323 **DST#: 1**
 ATTN: Herb Deines Test Start: 2013.11.18 @ 07:15:00

Mud and Cushion Information

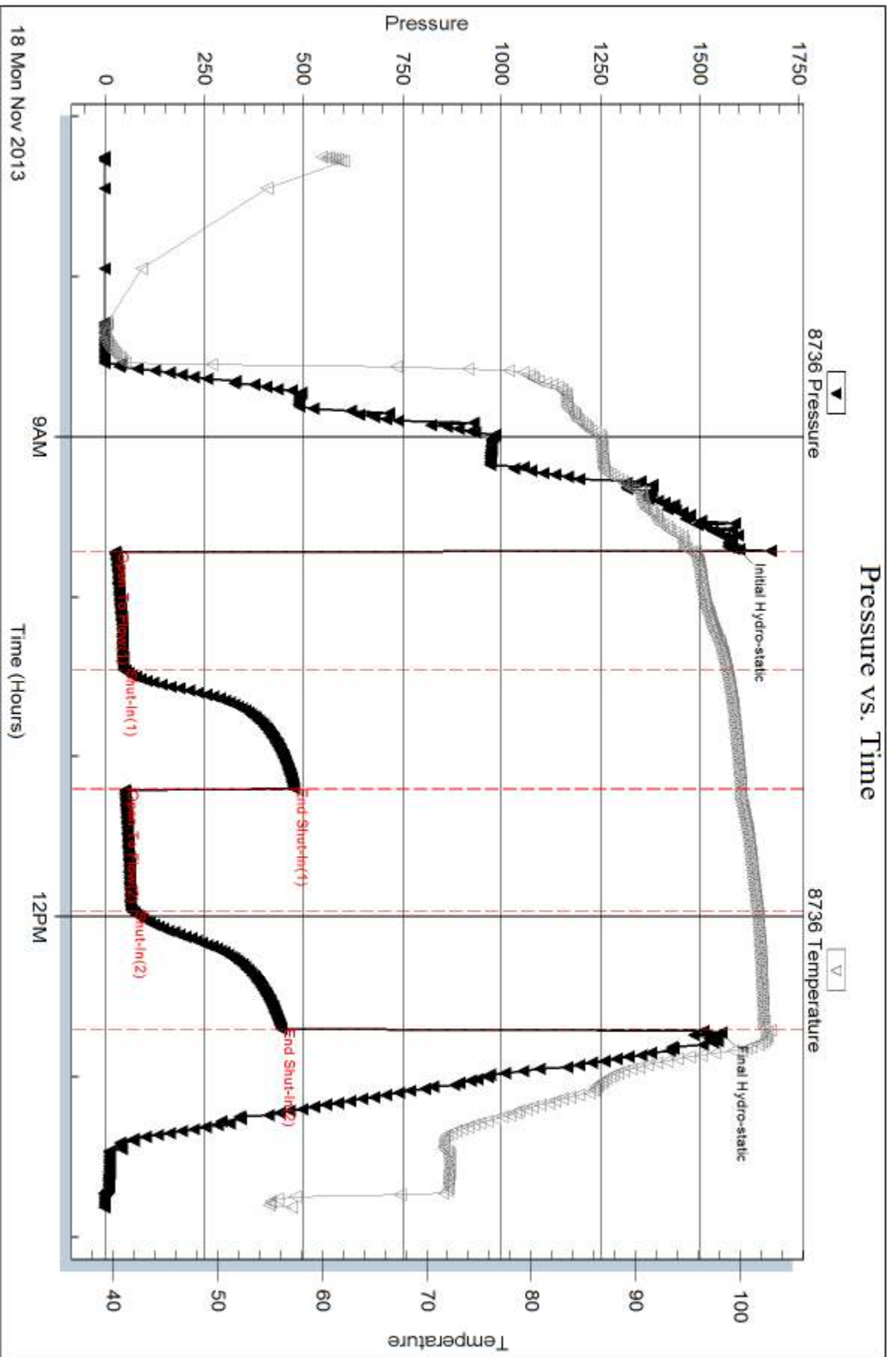
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	45000 ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	SOWCM 10%O 10%W 80%M	0.491
60.00	VSOWCM 2%O 20%W 78%M	0.842

Total Length: 95.00 ft Total Volume: 1.333 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



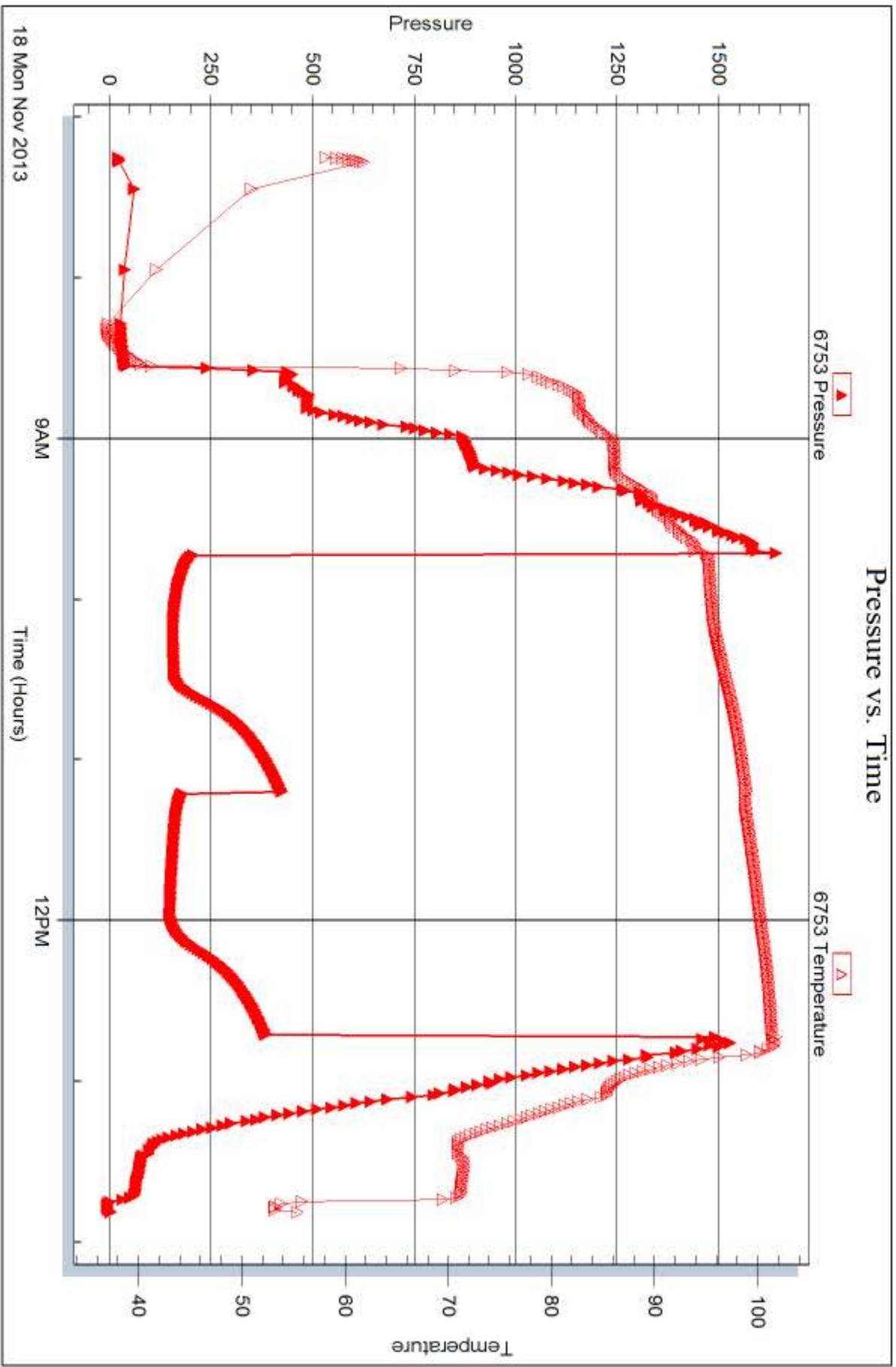
Serial #: 6753

Inside

TDI Inc.

Law rence #1

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 55323

Printed: 2013.11.21 @ 11:18:33



DRILL STEM TEST REPORT

Prepared For: **TDI Inc.**

1310 Bison Rd
Hays KS 67601

ATTN: Herb Deines

Lawrence #1

15-15s-19w Ellis,KS

Start Date: 2013.11.19 @ 12:15:00

End Date: 2013.11.19 @ 18:41:00

Job Ticket #: 55324 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.21 @ 11:17:59



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI Inc.
1310 Bison Rd
Hays KS 67601
ATTN: Herb Deines

15-15s-19w Ellis,KS
Lawrence #1
Job Ticket: 55324 **DST#: 2**
Test Start: 2013.11.19 @ 12:15:00

Tool Information

Drill Pipe:	Length: 3630.00 ft	Diameter: 3.80 inches	Volume: 50.92 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	45000.00 lb
			<u>Total Volume: 50.92 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3616.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	45.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3596.00	
Shut In Tool	5.00			3601.00	
Hydraulic tool	5.00			3606.00	
Packer	5.00			3611.00	21.00 Bottom Of Top Packer
Packer	5.00			3616.00	
Stubb	1.00			3617.00	
Perforations	20.00			3637.00	
Recorder	0.00	6753	Inside	3637.00	
Recorder	0.00	8736	Outside	3637.00	
Bullnose	3.00			3640.00	24.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc. **15-15s-19w Ellis,KS**
 1310 Bison Rd **Lawrence #1**
 Hays KS 67601 Job Ticket: 55324 **DST#: 2**
 ATTN: Herb Deines Test Start: 2013.11.19 @ 12:15:00

Mud and Cushion Information

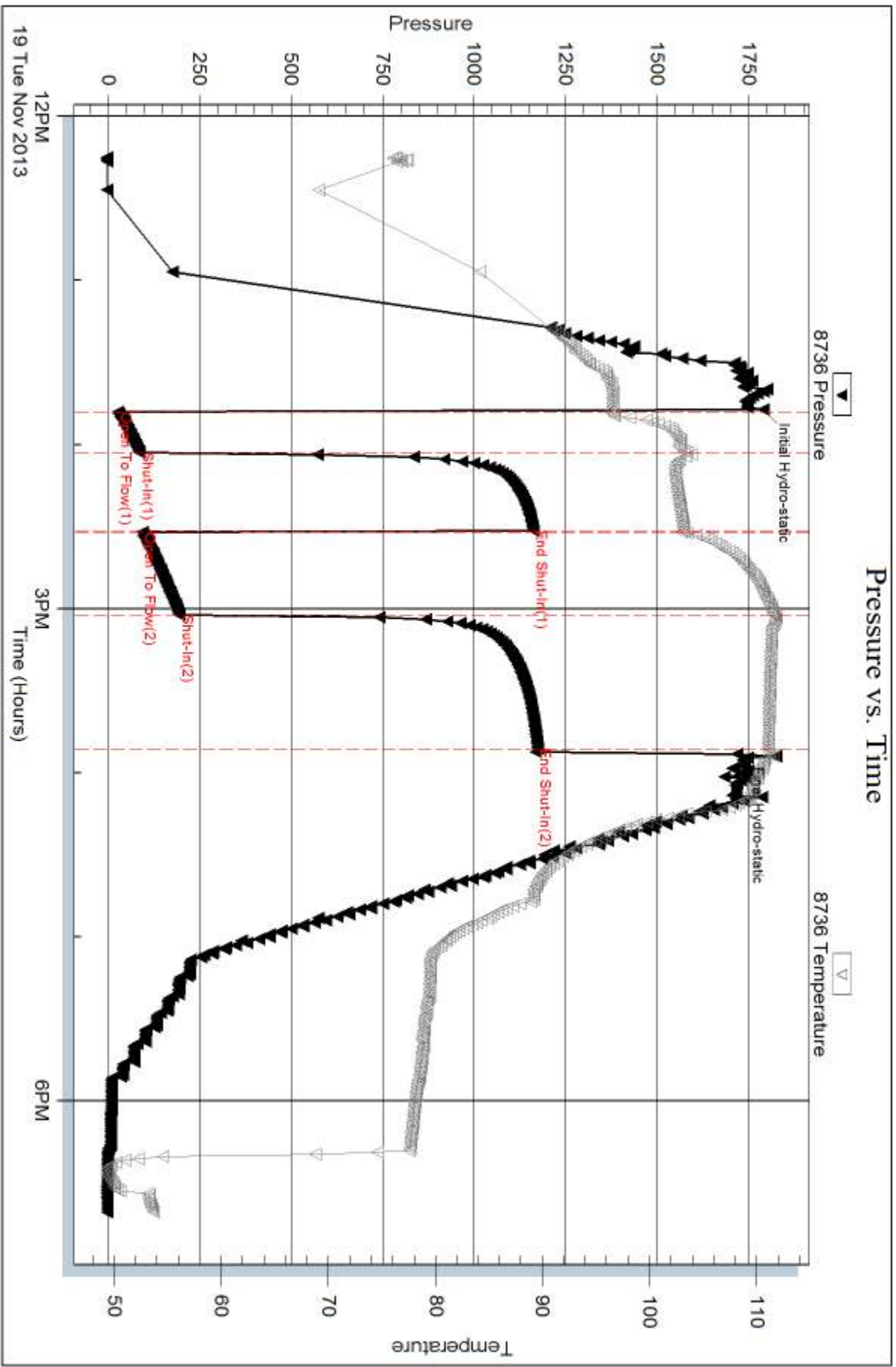
Mud Type: Gel Chem	Cushion Type:	Oil API: 26 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 32000 ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.77 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5300.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	VSOMCW 2%O 78%W 20%M	1.262
90.00	SWOCM 35%O 10%W 55%M	1.262
260.00	GO 25%G 75%O	3.647
0.00	120ft GIP	0.000

Total Length: 440.00 ft Total Volume: 6.171 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



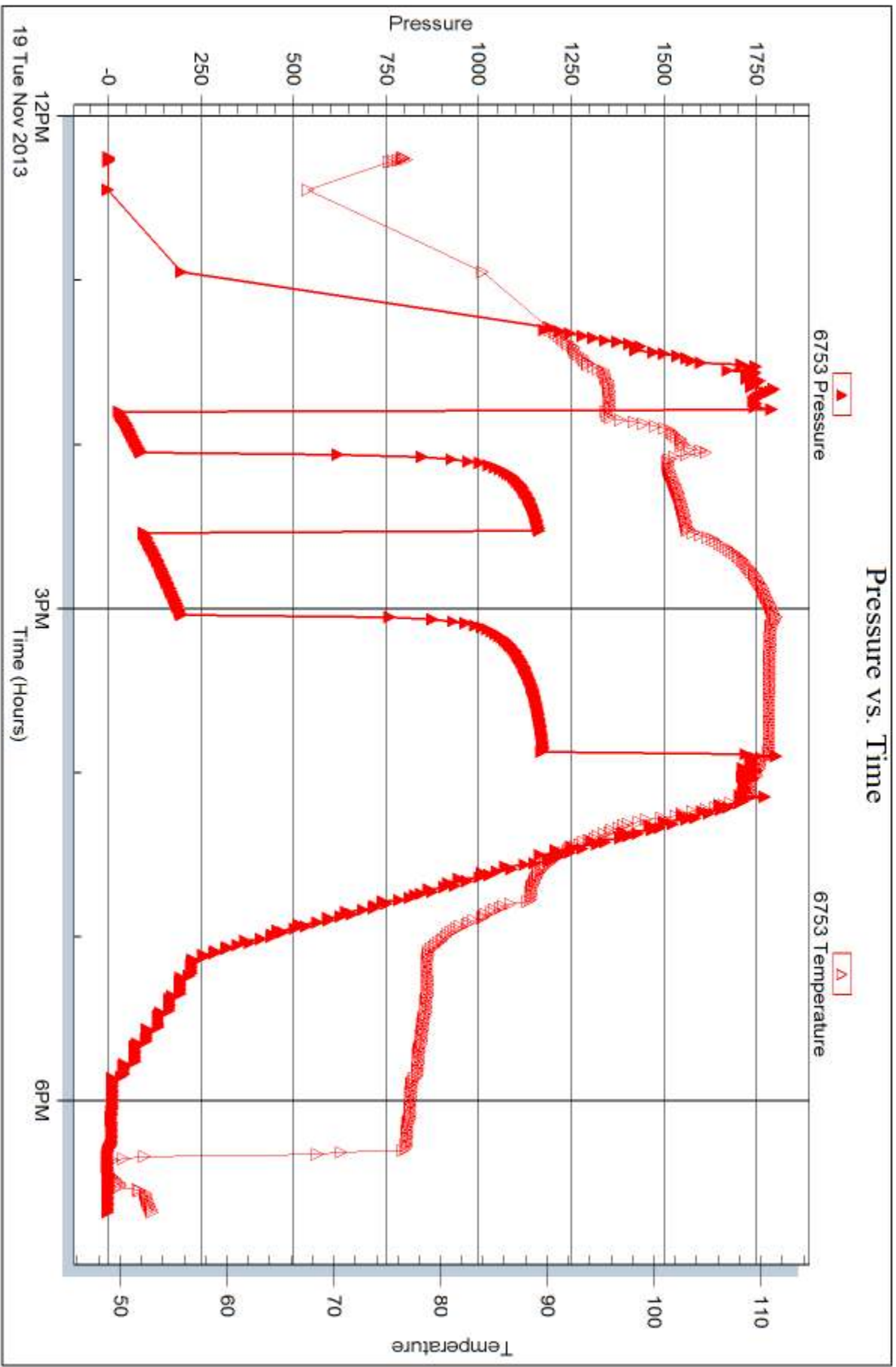
Serial #: 6753

Inside

TDI Inc.

Law rence #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 55324

Printed: 2013.11.21 @ 11:18:02



DRILL STEM TEST REPORT

Prepared For: **TDI Inc.**

1310 Bison Rd
Hays KS 67601

ATTN: Herb Deines

Lawrence #1

15-15s-19w Ellis,KS

Start Date: 2013.11.20 @ 07:05:00

End Date: 2013.11.20 @ 12:43:30

Job Ticket #: 55325 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.21 @ 11:17:12

TDI Inc.
15-15s-19w Ellis,KS
Lawrence #1
DST # 3
KC "LJ"
2013.11.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TDI Inc.
1310 Bison Rd
Hays KS 67601
ATTN: Herb Deines

15-15s-19w Ellis,KS
Lawrence #1
Job Ticket: 55325 **DST#: 3**
Test Start: 2013.11.20 @ 07:05:00

GENERAL INFORMATION:

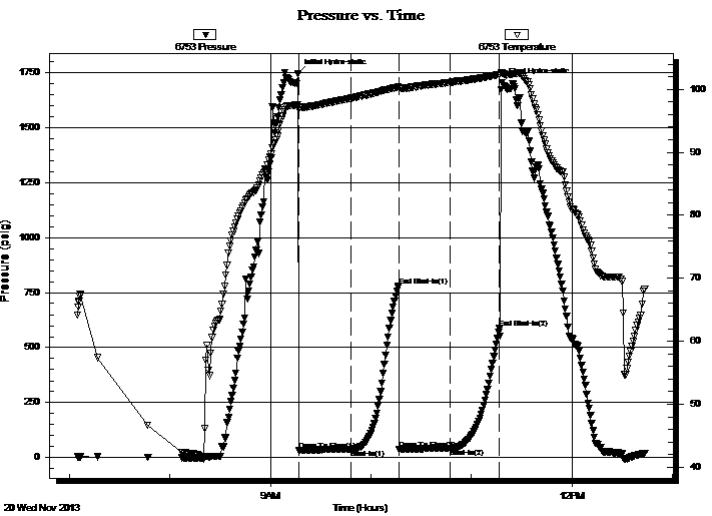
Formation: **KC "I-J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:17:00
 Time Test Ended: 12:43:30
 Interval: **3460.00 ft (KB) To 3508.00 ft (KB) (TVD)**
 Total Depth: 3508.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 2022.00 ft (KB)
 2013.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6753

Outside

Press@RunDepth: 41.77 psig @ 3504.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.20 End Date: 2013.11.20 Last Calib.: 2013.11.20
 Start Time: 07:05:05 End Time: 12:43:29 Time On Btm: 2013.11.20 @ 09:16:15
 Time Off Btm: 2013.11.20 @ 11:18:15

TEST COMMENT: IF-3" blow
 IS-No blow
 FF-4 1/2" blow
 FS-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1742.80	97.54	Initial Hydro-static
1	35.02	96.79	Open To Flow (1)
32	38.42	98.56	Shut-In(1)
61	781.38	100.43	End Shut-In(1)
61	38.57	100.19	Open To Flow (2)
91	41.77	101.09	Shut-In(2)
121	586.83	102.34	End Shut-In(2)
122	1703.58	102.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SWOCM 30%O 15%W 55%M	0.42
0.00	60ft GIP	0.00

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI Inc.
1310 Bison Rd
Hays KS 67601
ATTN: Herb Deines

15-15s-19w Ellis,KS
Lawrence #1
Job Ticket: 55325 **DST#: 3**
Test Start: 2013.11.20 @ 07:05:00

Tool Information

Drill Pipe:	Length: 3468.00 ft	Diameter: 3.80 inches	Volume: 48.65 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 48.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3460.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	3508.00 ft			
Interval between Packers:	48.00 ft			
Tool Length:	299.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3441.00	
Shut In Tool	5.00			3446.00	
Hydraulic tool	5.00			3451.00	
Packer	4.00			3455.00	20.00 Bottom Of Top Packer
Packer	5.00			3460.00	
Stubb	1.00			3461.00	
Perforations	7.00			3468.00	
change Over Sub	1.00			3469.00	
Blank Spacing	32.00			3501.00	
change Over Sub	1.00			3502.00	
Perforations	2.00			3504.00	
Recorder	0.00	8736	Inside	3504.00	
Recorder	0.00	6753	Outside	3504.00	
Blank Off Sub	4.00			3508.00	48.00 Tool Interval
Packer	4.00			3512.00	
Stubb	1.00			3513.00	
Recorder	0.00	8319	Below	3513.00	
perforations	3.00			3516.00	
Change Over Sub	1.00			3517.00	
Blank Spacing	222.00			3739.00	231.00 Bottom Packers & Anchor

Total Tool Length: 299.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc. **15-15s-19w Ellis,KS**
 1310 Bison Rd **Lawrence #1**
 Hays KS 67601 Job Ticket: 55325 **DST#: 3**
 ATTN: Herb Deines Test Start: 2013.11.20 @ 07:05:00

Mud and Cushion Information

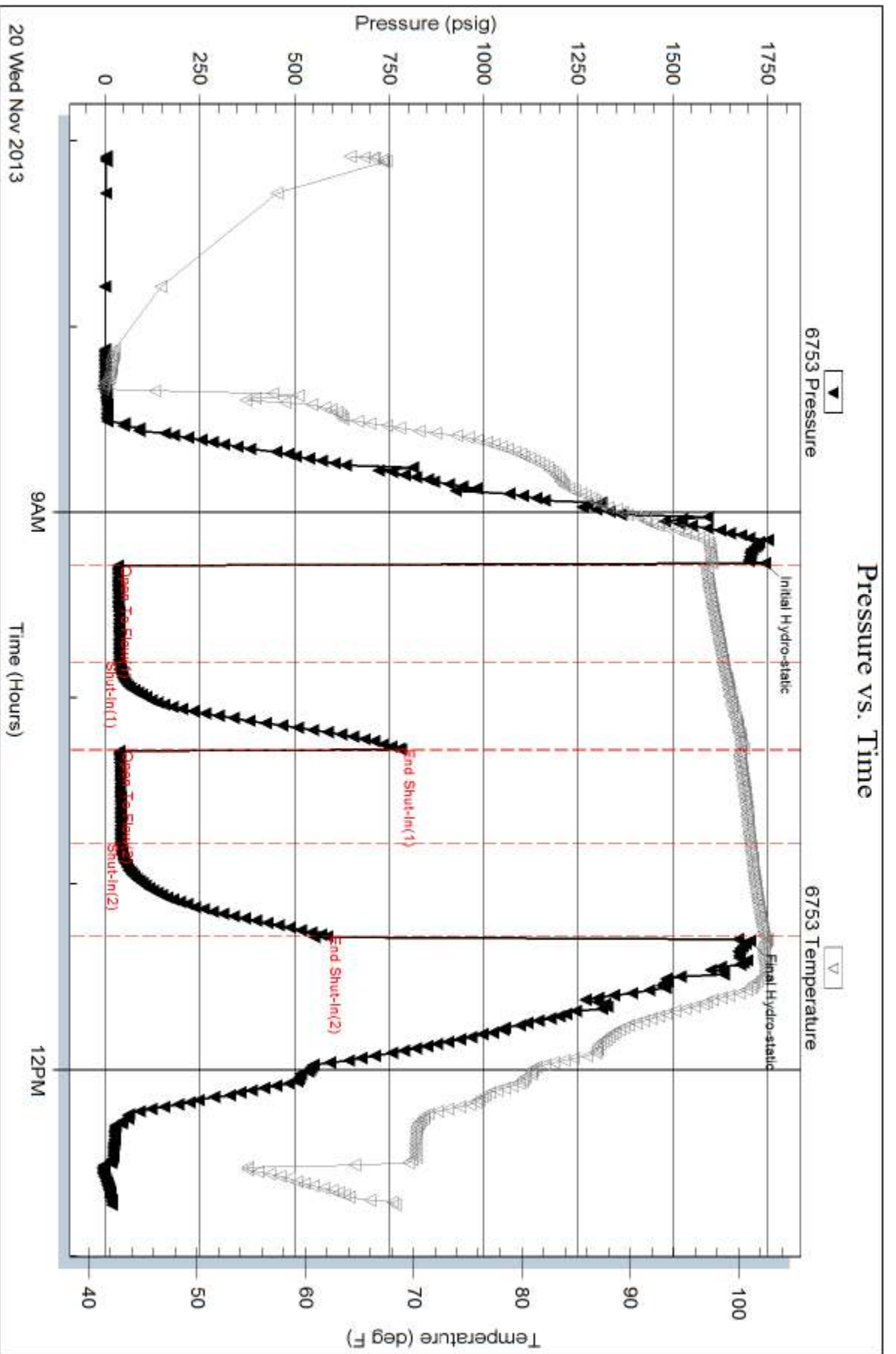
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SWOCM 30%O 15%W 55%M	0.421
0.00	60ft GIP	0.000

Total Length: 30.00 ft Total Volume: 0.421 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



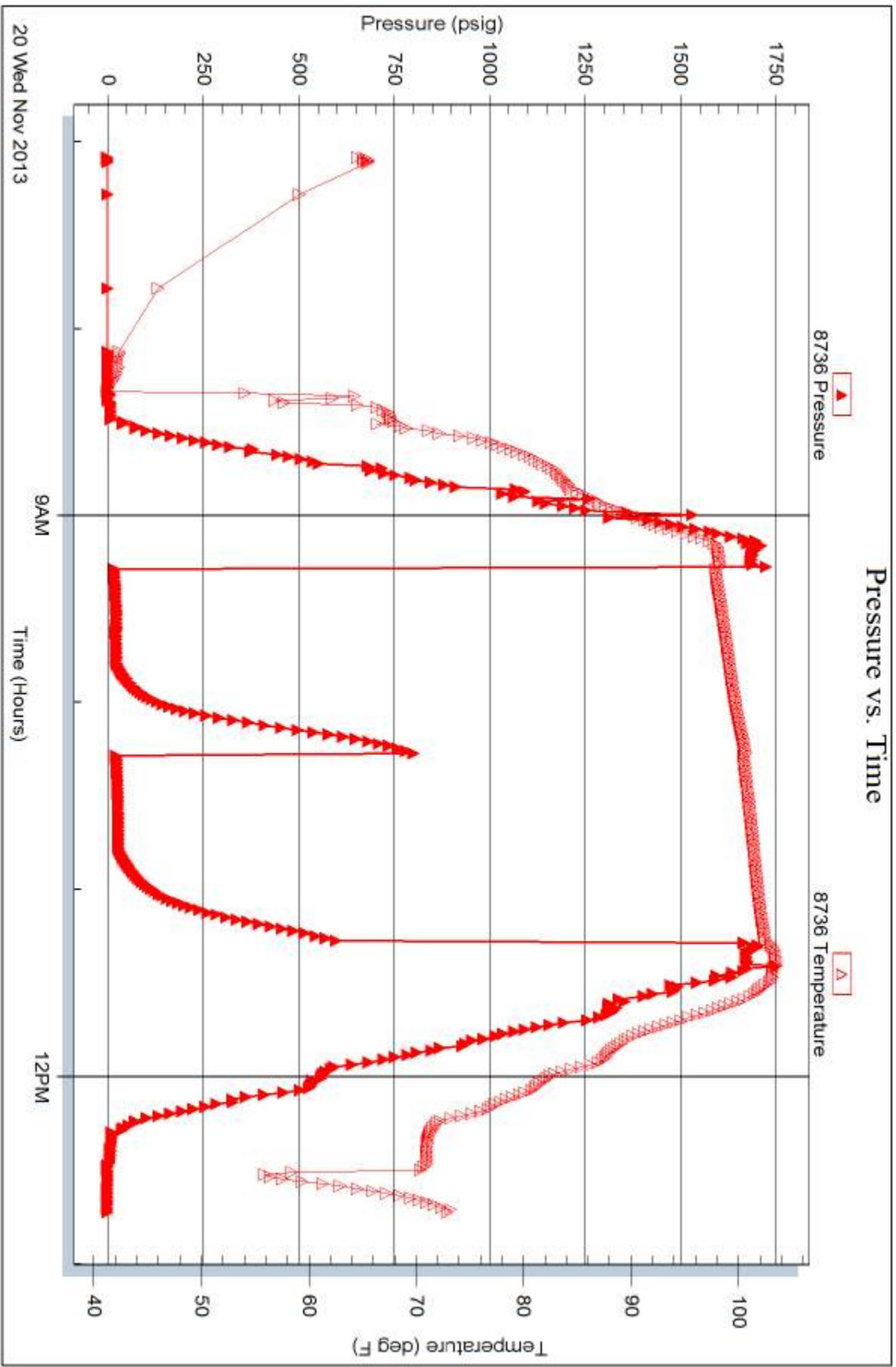
Serial #: 8736

Inside

TDI Inc.

Lawrence #1

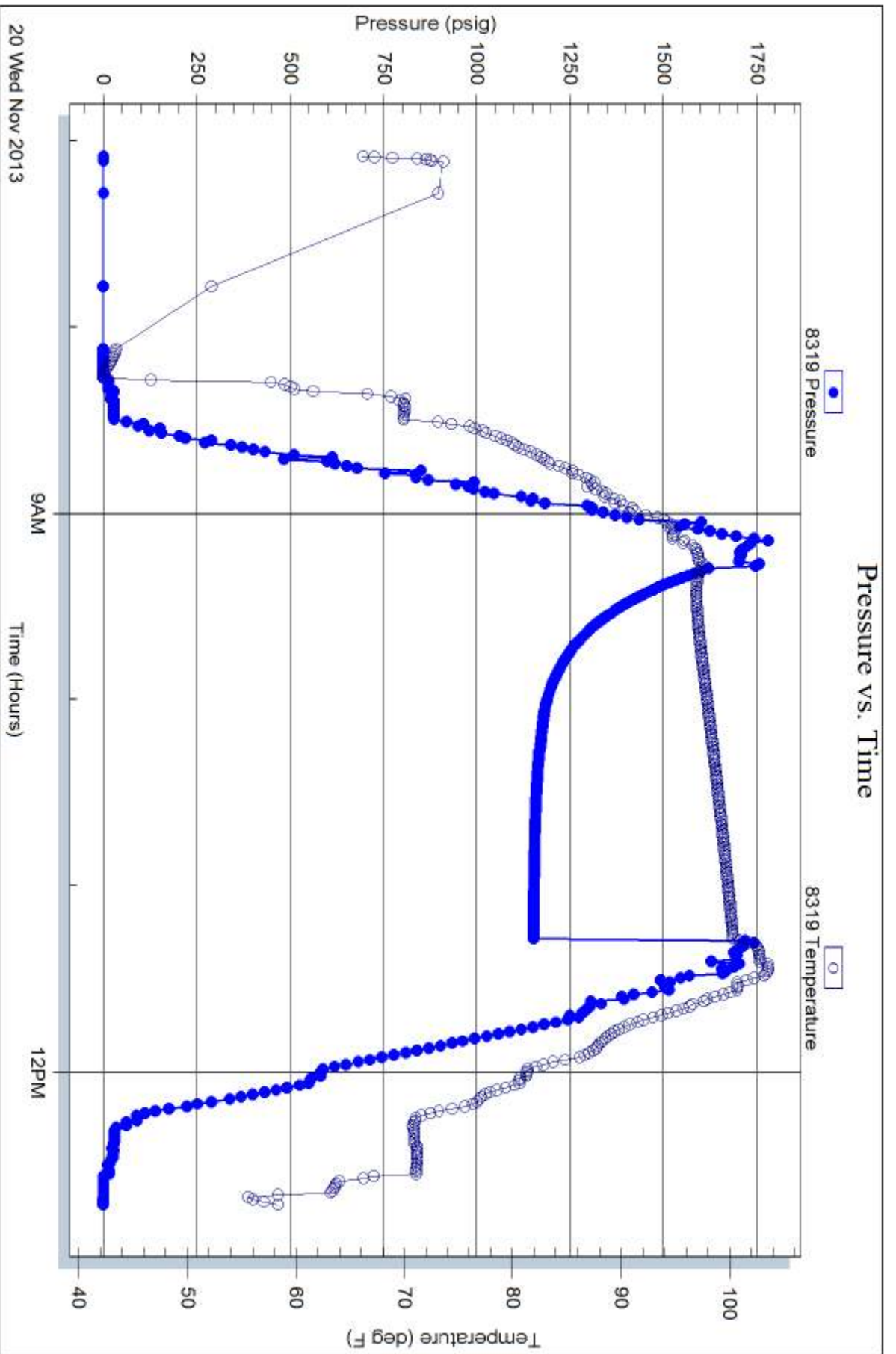
DST Test Number: 3

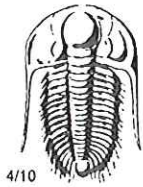


Trilobite Testing, Inc

Ref. No: 55325

Printed: 2013.11.21 @ 11:17:15





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55323

Well Name & No. Lawrence #1 Test No. 1 Date 11/18/13
 Company TPI Inc. Elevation 2022 KB 2013 GL
 Address 1310 Bison Rd Hays KS 67601
 Co. Rep / Geo. Herb Deines Rig Southwind #1
 Location: Sec. 15 Twp. 15 Rge. 19 Co. Flis State KS

Interval Tested 3296 - 3344 Zone Tested Kellco
 Anchor Length 48 Drill Pipe Run _____ Mud Wt. 8.9
 Top Packer Depth 3291 Drill Collars Run _____ Vis 42
 Bottom Packer Depth 3296 Wt. Pipe Run _____ WL 7.8
 Total Depth 3344 Chlorides 5,300 ppm System LCM _____
 Blow Description 2F - 4 1/4 in blow
2SI - No blow
6F - 6 in blow
FSL - weak surface blow

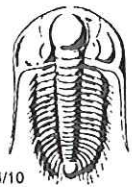
Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>50 WCM</u>	<u>10</u>	<u>10</u>	<u>80</u>	
<u>60</u>	<u>150 WCM</u>	<u>2</u>	<u>20</u>	<u>78</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 95 BHT 102 Gravity _____ API RW _____ @ 60° F Chlorides 45,000 ppm

(A) Initial Hydrostatic 1,599 Test 1150 T-On Location 6:55
 (B) First Initial Flow 25 Jars _____ T-Started ~~7:15~~ 7:15
 (C) First Final Flow 46 Safety Joint _____ T-Open 9:45
 (D) Initial Shut-In 476 Circ Sub _____ T-Pulled 12:45
 (E) Second Initial Flow 50 Hourly Standby _____ T-Out 13:50
 (F) Second Final Flow 89 Mileage 32rt 49.60 Comments _____
 (G) Final Shut-In 444 Sampler _____
 (H) Final Hydrostatic 1,535 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 45 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1199.60
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1199.60

Approved By _____ Our Representative Burdine

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55324

Well Name & No. Lawrence #1 Test No. 2 Date 11/19/13
 Company TDF Inc. Elevation 2022 KB 2013 GL
 Address 1310 Bison Rd Hays KS 67601
 Co. Rep / Geo. Herb Zepeines Rig Seathwind #1
 Location: Sec. 15 Twp. 15 Rge. 19 Co. Ellis State KS

Interval Tested 3616 - 3640 Zone Tested gy Sand
 Anchor Length 24 Drill Pipe Run _____ Mud Wt. _____
 Top Packer Depth 3611 Drill Collars Run _____ Vis _____
 Bottom Packer Depth 3616 Wt. Pipe Run _____ WL _____
 Total Depth 3640 Chlorides _____ ppm System LCM _____

Blow Description RF - BOB in 5 1/2 min
FSI - 1 1/2 in blow
RF - BOB in 5 1/2 min
FSI - 1 3/4 in blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>VSO MCW</u>		<u>2</u>	<u>78</u>	<u>20</u>
<u>90</u>	<u>SWOCM</u>		<u>35</u>	<u>10</u>	<u>55</u>
<u>260</u>	<u>60</u>	<u>25</u>	<u>75</u>		
	<u>120 - 11 GIP</u>				

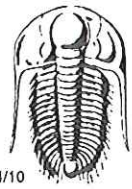
Rec Total 440 BHT 111 Gravity _____ API RW .3 @ 50 °F Chlorides 32,000 ppm

(A) Initial Hydrostatic 1,780 Test 1150 T-On Location 11:35
 (B) First Initial Flow 28 Jars _____ T-Started 12:15
 (C) First Final Flow 86 Safety Joint _____ T-Open 13:45
 (D) Initial Shut-In 1,163 Circ Sub _____ T-Pulled 15:45
 (E) Second Initial Flow 94 Hourly Standby _____ T-Out 18:35
 (F) Second Final Flow 196 Mileage 49.60 Comments _____
 (G) Final Shut-In 1,174 Sampler _____
 (H) Final Hydrostatic 1,718 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 15 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1199.60
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1199.60

Approved By _____ Our Representative Bruce

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55325

4/10

Well Name & No. Lawrence #1 Test No. 3 Date 11/20/13
 Company TRT Inc. Elevation 2022 KB 2013 GL
 Address 1310 Bison Rd Hays KS 67601
 Co. Rep / Geo. Herb Deines Rig Southwind #1
 Location: Sec. 65 Twp. 15 Rge. 19 Co. Ellis State KS

Interval Tested 3460 - 3508 Zone Tested KC 1, 5"
 Anchor Length 48 Drill Pipe Run _____ Mud Wt. _____
 Top Packer Depth 3455; 3460 Drill Collars Run _____ Vis _____
 Bottom Packer Depth 3508 Wt. Pipe Run _____ WL _____
 Total Depth 3735 Chlorides _____ ppm System LCM _____
 Blow Description FF - 3 in blow
FSI - No blow
FF - 4 1/2 in blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>SWOCM</u>	<u>30</u>	<u>15</u>	<u>55</u>	
<u>160</u>	<u>6000 GEL</u>				

Rec Total 30 BHT _____ Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1743 Test 1150 T-On Location 6:30
 (B) First Initial Flow 35 Jars _____ T-Started 7:05
 (C) First Final Flow 38 Safety Joint _____ T-Open 9:13
 (D) Initial Shut-In 781 Circ Sub _____ T-Pulled 11:13
 (E) Second Initial Flow 39 Hourly Standby _____ T-Out 12:40
 (F) Second Final Flow 42 Mileage 49.60 Comments _____
 (G) Final Shut-In 587 Sampler _____
 (H) Final Hydrostatic 1704 Straddle 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1799.60
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1799.60

Approved By _____ Our Representative Bruce D

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